

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-010889**Date Inspected:** 26-Dec-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	Guo Yen Wei			CWI Present:	Yes	No	
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A

Bridge No: 34-0006**Component:** Deck Panel**Summary of Items Observed:**

North Lay down

No Relevant work observed

Bay 9

This QA Inspector observed ZPMC welding personnel's performing Flux cored arc welding (FCAW) on visually rejectable areas on DP 3044-001. Welder is identified as 059378. ZPMC QC is identified as Chen Shi gang. The welding variables recorded by QC appeared to comply with the WPS – B – T – 2342

This QA Inspector observed ZPMC personnel performing fit up activities on DP3002A-001 and DP3002-001 splice. Tack welder is identified as 062259. ZPMC QC is identified as Chen Shi gang.

This QA Inspector observed ZPMC welding personnel's performing Submerged Arc welding (SAW) on DP 3002-001 and DP 3002A-001 Splice. Welder is identified as 059403. ZPMC QC is identified as Chen Shi gang. The welding variables recorded by QC appeared to comply with the WPS – B – T – 2221

This QA Inspector observed ZPMC welding personnel's performing Flux cored arc welding (FCAW) on visually rejectable areas on DP 3048-001. Welder is identified as 059409. ZPMC QC is identified as Chen Shi gang. The welding variables recorded by QC appeared to comply with the WPS – B – T – 2342

WELDING INSPECTION REPORT

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This QA Inspector observed ZPMC personnel performing fit up activities on DP3042A-001 and DP3042-001 splice. Tack welder is identified as 062259. ZPMC QC is identified as Chen Shi gang.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Dsouza,Christopher	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
